

OWNER'S MANUAL

INSTANT POWER™ Jump Starter, Air Compressor & 12V DC Power Source

THIS PRODUCT HAS A SEALED LEAD-ACID BATTERY INSIDE THAT SHOULD BE KEPT AT FULL CHARGE FOR LONGER LIFE. RECHARGE WHEN FIRST RECEIVED (EVEN IF GREEN 'FULL POWER' LED GLOWS), AFTER EACH USE AND EVERY 3 MONTHS.

IMPORTANT SAFETY INSTRUCTIONS

Save these instructions

IMPORTANT SAFETY INSTRUCTIONS

Someone should be within range of your voice or close enough to come to your aid when you are working near a lead-acid battery.

Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes. If acid enters the eye area, rinse with cold water for at least 10 minutes and get medical help immediately.

Do not smoke, or use matches or cigarette lighter, or allow any spark or flame near the battery or engine.

Never operate the power source unit if it has damaged lead wire or clamps. Have the lead wire replaced by a qualified technician.

Wear complete eye and clothing protection when working with lead-acid batteries.

Do not permit the internal battery of the IP-1875C to freeze. Never charge a frozen battery.

HANDLING WARNING

WARNING: Handling the cord on this product or cords associated with this product, may expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

OPERATING INSTRUCTIONS

Warning: Failure to follow instructions may cause damage or an explosion. Read entire instruction manual before use.

1. Turn ignition OFF before making cable connections.
2. Use in a well-ventilated area.
3. Keep clear of fan blades, belts, pulleys and other parts that may cause injury.
4. Make sure the power ON/OFF switch is in the OFF position until clamps are connected to the vehicle battery.
5. NEVER allow clamps to touch together or to contact the same piece of metal to prevent sparking.
6. Clamp the red clamp (+) to the positive terminal of the battery. (For a negative grounded system.)*
7. Clamp the black clamp (-) to an unpainted and unmoving part of the chassis or engine block.
8. If you have connected the clamps of your IP-1875C backwards, an audio alarm will sound. DO NOT turn your IP-1875C on. This could cause serious damage. Reverse the connections, and the audio alarm will stop.
9. If no audio alarm is sounded, turn ON the Jump Start switch and then crank the engine. If the engine does not start within 5-8 seconds, wait at least 1 minute before attempting to start vehicle again. (This permits the battery to cool down.)
10. After the engine starts, make sure to turn OFF the Jump Start switch. Then disconnect the black clamp (-) and then the red clamp (+) in that order. Store the clamps on the ears located on the sides of the case.
11. Recharge the IP-1875C as soon as possible after use.

***NOTE:** In the rare case of jump-starting a vehicle that has a positive-grounded vehicle electrical system, connect the NEGATIVE black clamp (-) to the negative terminal (-) of the vehicle battery. Then connect the POSITIVE red clamp (+) to an unpainted and unmoving part of the vehicle chassis or engine block. If you are unsure of the nature of the vehicle's electrical grounding system, check the owner's manual of the vehicle. To disconnect clamps, reverse order.

LED INDICATORS

To check the internal battery's charge status, press the red button on the front of the IP-1875C.

The LED lights will indicate the charge level as follows:

1. A red LED indicates a 50% or less charge and you should immediately recharge the IP-1875C.
2. A yellow LED indicates a 50 to 75% charge. The IP-1875C may be used but should be recharged as soon as possible.
3. A green LED indicates the internal battery is fully charged.

CHARGING of internal battery with built-in charger.

After removing the IP-1875C from the carton, charge it for a minimum of 8 hours before using even if the green charged LED glows.

NOTE: The ON/OFF switch does not have to be in the ON position to recharge the internal battery.

1. To charge, plug an extension cord into charger plug on the back of the IP-1875C. (Extension cord not included; must be purchased separately.)
2. Plug the extension cord into 110V AC electrical wall outlet.
3. The red LED will glow indicating charging.
4. The green LED will glow when the battery has reached full charge. This could take up to 72 hours on some charges due to age and condition of the battery. The charger will automatically drop into a float mode and maintain the battery at full charge without damaging the battery. The IP-1875C can be left plugged into the 110V wall outlet indefinitely to maintain full power.
5. Recharge the IP-1875C as soon as possible after use.

USING THE WHITE SPOTLIGHT

The spotlight is located on the front panel of the IP-1875C. This light can be adjusted downward by pulling the tab at the top. The control switch for this light is located above the rotary switch On/Off.

12 VOLT DC POWER OUTLET CHART

The IP-1875C is a power source for all 12 volt DC accessories equipped with a 12 volt accessory plug. Make sure the device to be powered is OFF before inserting 12 volt accessory plug into 12 volt DC accessory outlet. Use for power outages, fishing, and camping trips. Estimated usage time is listed in below chart.

Appliance Type	Estimated Wattage	Estimated Time*
Cell Phones	4 Watts	30 Hours
Fluorescent Lights	4 Watts	30 Hours
Radios, Fans	9 Watts	21 Hours
Depth Finders	9 Watts	21 Hours

Appliance Type	Estimated Wattage	Estimated Time*
Camcorders, VCRs	15 Watts	12 Hours
Electrical Tools	24 Watts	7 Hours
Electrical Coolers	48 Watts	3 Hours

The DC socket has a 30 amp automatic overload protection circuit breaker. If overload occurs, reset the breaker by pushing the breaker button located on the back of the IP-1875C.

110 VOLT AC POWER SOURCE CHART

(Inverter {Not Included} Is Necessary)

When using with an inverter, it can operate appliances normally powered by 110V AC.

Appliance Type	Estimated Wattage	Estimated Time*
Spot Lights, Sump Pumps	100 Watts	1.5 Hours
Faxes, TVs, Small Power Tools	150 Watts	1 Hour
Computers, Printers, Medium Power Tools, Blenders	200 Watts	45 Minutes

When the IP-1875C is used with an inverter, it can operate appliances normally power by 110V AC. Inverter not included; must be purchased separately.

***NOTE:** Estimated time is conservatively reported. Actual time may vary. Times are based on the IP-1875C having a full charge. Requires the use of an inverter that is not included. Designed for up to a 300 watt inverter.

USING THE AIR COMPRESSOR

PRECAUTION – Read instructions of the product being inflated before using the compressor. Avoid over inflation, do not exceed the manufacturers recommended pressures. DO NOT leave the compressor unattended during use.

The 12 volt compressor is rated for 280 PSI pressure. The hose is stored in the back compartment of your IP-1875C. The ON / OFF switch for the compressor is located on the back of the IP-1875C below the charger plug.

1. There are three nozzles to inflate products. Use appropriate nozzle.
2. To inflate a tire, unscrew the valve stem cap from the tire.
3. Attach the nozzle of the compressor hose and thread or latch onto the product stem until it is secure.
4. To start the air compressor, push the switch located on the back of the IP-1875C to ON.
5. Inflate product and when the product is inflated to the proper air pressure, push the switch to OFF.

NOTE: The air compressor will run for a maximum of 15 minutes or it may automatically shut down sooner if a high load causes it to overheat. It will then cool for 10 minutes. After 10 minutes, the air compressor will automatically restart.

Estimated time for inflating

Vehicle 13" to 16"	3 to 16 minutes
Bike tire	30 to 40 seconds
Balls	5 to 30 seconds

Use a gauge to ensure the proper pressure has been reached. Do not over inflate.

STORAGE

The IP-1875C can be stored in any position. When the IP-1875C is ON, the clamps are live and will produce arcing or sparking if they come in contact with each other. To prevent accidental arcing, always keep the clamps on the side ears and the JUMP START ON/OFF switch in the OFF position when not using it to jump start a vehicle.

All batteries are affected by temperature. The ideal storage temperature is at 70 degrees Fahrenheit. Performance varies based on battery temperature conditions.

LIMITED WARRANTY

Schumacher Electric Corporation warrants your unit to be free from defects in material and workmanship, excepting abuse or misuse, for a period of one year from the date of sale to the original user or consumer purchaser. If your unit fails or malfunctions within the first 30 days of the warranty, we will replace it with a new unit. If your unit malfunctions or fails within the 12 month warranty period because of a defect in material or workmanship, we will repair without charge.

The internal battery, excluding units with swollen batteries or melted battery terminals, carries a 90-day warranty from the date of purchase. Proof of purchase required. All battery replacements will be at the sole discretion of the manufacturer or his designated agents.

This warranty is in lieu of all other express warranties. The duration of any implied warranty, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, made in respect to your unit is limited to the period of the express warranty set forth above.

For warranty service, return your product, with proof of purchase, to the factory or a designated agent: Schumacher Electric Corporation Warranty Service Department, 1025 E. Thompson Street, PO Box 280, Hoopeston, IL 60942. Phone 1-800-621-5485, Customer Service hours: 7 AM to 4:30 PM CST.

You will be responsible for all insurance and freight or other transportation charges to the factory or point of repair. We will return your unit freight prepaid if repair is covered under warranty. Your unit should be properly packed to avoid damage in transit, since we will not be responsible for any such damage.

In no event shall Schumacher Electric Corporation be liable for consequential or incidental damages. Some states do not allow limitations on the length of the implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



CONTAINS SEALED LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.

WARNING: Possible explosion hazard. Contact with battery acid may cause severe burns and blindness. Keep out of reach of children.



801 Business Center Drive, Mount Prospect, IL 60056-2179

Send Warranty Product Repairs to: Schumacher Electric Corporation

1025 East Thompson, Hoopeston, IL 60942-0280

Call Customer Service if you have questions: 1-800-621-5485 (Hours: 7 a.m. – 4:30 p.m. CST)